## CITY OF KIRKLAND CAPITAL IMPROVEMENT PROGRAM 2019 TO 2024

PROJECT #	WAC1020000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Rod Steitzer

PROJECT	104TH AVENUE NE WATERMAIN REPLACEMENT	 ,	
TITLE			
PROJECT	NE 108th Street to NE 113th Street	PROJECT START	PROJECT STATUS
LOCATION		2018	Modified Project

## **DESCRIPTION/JUSTIFICATION**

Replacement of approximately 1,600 feet of 4-inch asbestos concrete line with new 8-inch ductile iron pipe on 104th Avenue NE between NE 110th Street and NE 113th Street. Cost includes half-street overlay.

## **REASON FOR MODIFICATION (WHERE APPLICABLE)**

Project moved from 2018-2019 to 2023-2024 based on 2018 reprioritization of Utility projects to align with updated Water Comprehensive Plan criteria. Total project costs changed due to updated cost estimate including added escalation for future years.

POLICY BASIS	
Water Comprehensive Plan	

COUNCIL GOALS	
Dependable Infrastructure	

METHOD OF FINAN	ICING (%)
Current Revenue	100%
Reserve	0%
Grants	0%
Other Sources	0%
Debt	0%
Unfunded	0%

CAPITAL	Prior							2019-2024	Future	Total
COSTS	Year(s)	2019	2020	2021	2022	2023	2024	TOTAL	Year(s)	Project
Planning/Design/ Engineering	0	110,200	0	0	0	0	0	110,200	0	110,200
In-House Professional Svcs.	0	55,600	0	0	0	0	0	55,600	0	55,600
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	428,200	0	0	0	0	0	428,200	0	428,200
Comp. Hardware/ Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
Total	0	594,000	0	0	0	0	0	594,000	0	594,000
NEW MAINT. AND										
OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
Amount of public disruption and inconvenience caused	Minor disruption to local traffic and pedestrian access is expected during construction.
Community economic impacts	Lower maintenance costs through modernization of the water system infrastructure.
Health and safety, environmental, aesthetic, or social effects	Benefits area residents through increased fire flow and improved system reliability.
Responds to an urgent need or opportunity	Represents a timely replacement of a portion of the water system and a reduction in potential for property damage claims.
Feasibility, including public support and project readiness	Project represents scope of work that is typical for water utility construction.
Conforms to legal or contractual obligations	Project will be designed and constructed per legal and professional guidelines and requirements.
Responds to state and/or federal mandate	N/A
Benefits to other capital projects	N/A
Implications of deferring the project	Possible disruption in water service and a decrease in fire flow capacity over time.
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	Name of Neighborhood(s) in which located: South Juanita Is there a specific reference to this project or land use in the immediate vicinity? How does the project conform to such references? Attachments (Specify)
LEVEL OF SERVICE IMPACT	<ul> <li>□ Project provides no new capacity (repair, replacement or renovation).</li> <li>☑ Project provides new capacity. Amount of new capacity provided: 30%</li> <li>□ Project assists in meeting/maintaining adopted level of service.</li> <li>□ Project required to meet concurrency standards.</li> </ul>